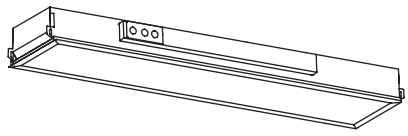
GE
Lighting

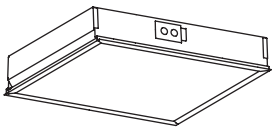
Installation Guide

Lumination™ LED Luminaires

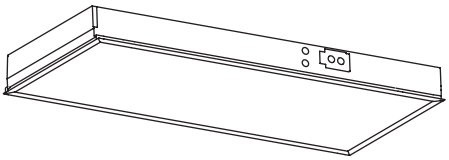
(Back-lit recessed troffer Series: Standard, 347V, and Lutron)



Back-lit recessed troffer 14 Series



Back-lit recessed troffer 22 Series



Back-lit recessed troffer 24 Series

BEFORE YOU BEGIN

Read these instructions completely and carefully.

⚠ WARNING/AVERTISSEMENT	
RISK OF ELECTRIC SHOCK	**RISQUES DE DÉCHARGES ÉLECTRIQUES**
• Turn power off before inspection, installation or removal.	• Coupez l'alimentation avant d"inspecter, installer ou déplacer le luminaire.
• Properly ground electrical enclosure.	• Assurez-vous de correctement mettre à la terre le boîtier d'alimentation électrique.
RISK OF FIRE	**RISQUES D'INCENDIE**
• Follow all NEC and local codes.	• Respectez tous les codes NEC et codes locaux.
• Use only UL approved wire for input/output connections. Minimum size 18 AWG (0.75mm²).	• N'utilisez que des fils approuvés par UL pour les entrées/sorties de connexion. Taille minimum 18 AWG (0.75mm²).

Save These Instructions

Use only in the manner intended by the manufacturer.
If you have any questions, contact the manufacturer.

Components Supplied

- Luminaire
- Mounting Bracket

Tools and Components Required

- Torx or Philips screwdriver
- UL Listed conduit connections per NEC/CEC for nominal conduit trade sizes ½" or ¾"
- UL Recognized wire connectors

Prepare Electrical Wiring

Electrical Requirements

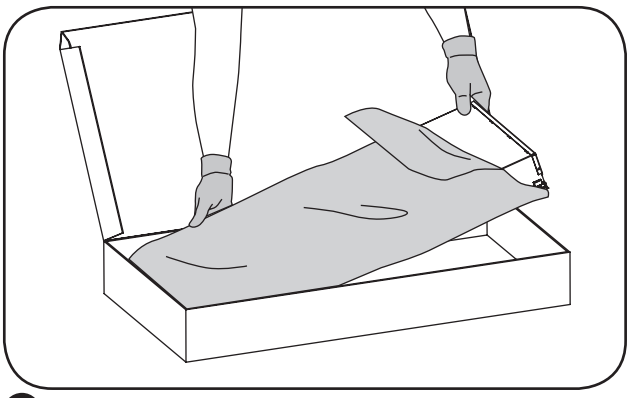
- The LED driver must be supplied with 120-277VAC or 347VAC, 50/60Hz and connected to an individual properly grounded branch circuit, protected by a 20 ampere circuit breaker. Use min. 75°C supply conductor.

Grounding Instructions

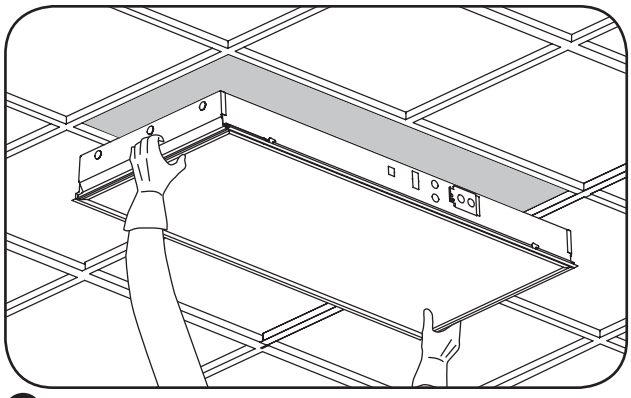
- The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) Article 600 and local codes.

imagination at work

Luminaire Installation

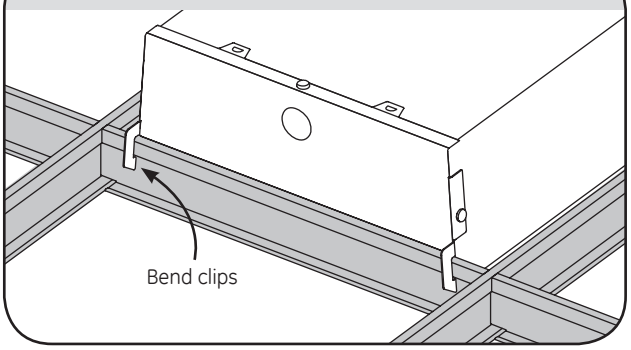


1 Carefully unpack unit from its packaging. Properly inspect for defects before installing. Wear work gloves to prevent dirt and oil from being transferred to the luminaire.

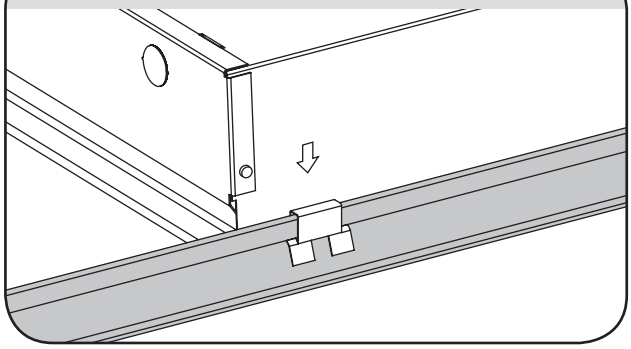


2 Install the unit into the reserved hole in the ceiling.

Back-lit recessed troffer 14 Series



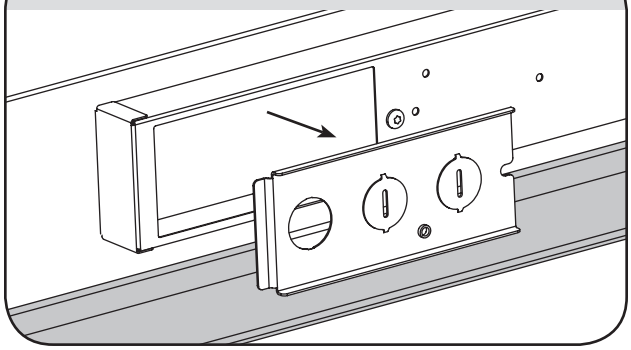
Back-lit recessed troffer 22/24 Series



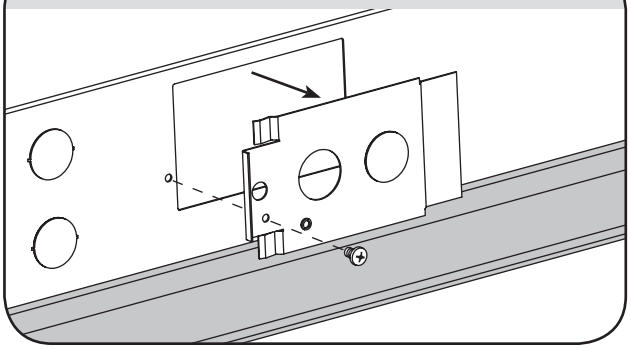
3 For **Back-lit recessed troffer 14**, bend the 4 clips into the grid to secure the luminaire in place.
For **Back-lit recessed troffer 24**, insert the 4 ceiling clips at the arrow marks into the grid to secure the luminaire in place.
For **Back-lit recessed troffer 22**, insert the 3 ceiling clips at the arrow marks into the grid to secure the luminaire in place.

Electrical Connections

Back-lit recessed troffer 14 Series

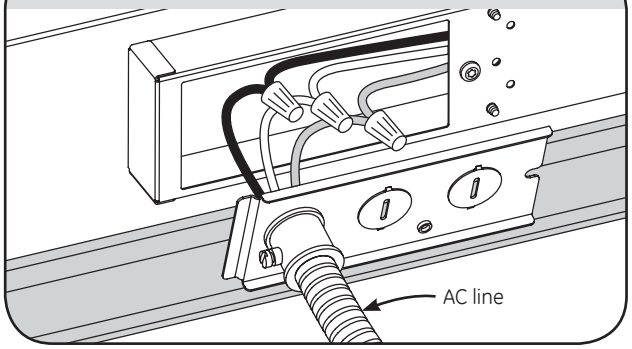


Back-lit recessed troffer 22/24 Series

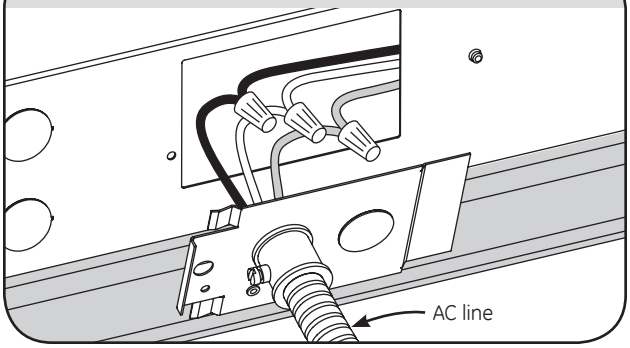


1 Remove electrical enclosure cover. Remove knockout for AC line input wires.

Back-lit recessed troffer 14 Series

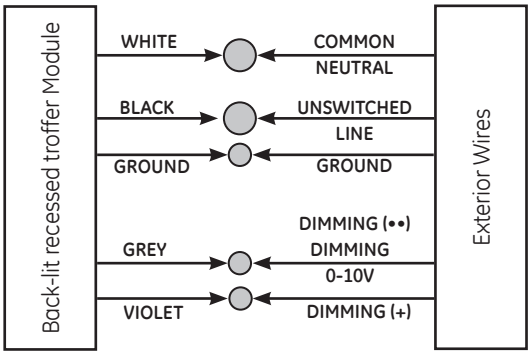


Back-lit recessed troffer 22/24 Series

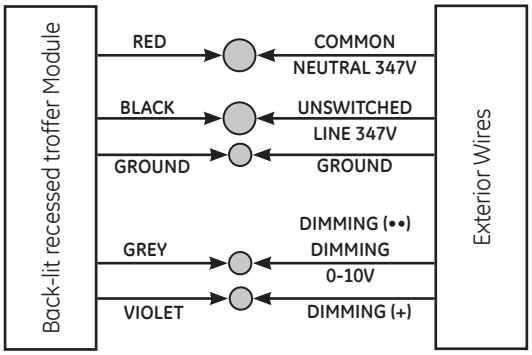


2 Install listed electrical fittings in the knockout holes for wire protection. Connect the AC line to the black (line), white (neutral) and green (ground) input wires of the LED driver using 18-14AWG twist-on wire connectors.

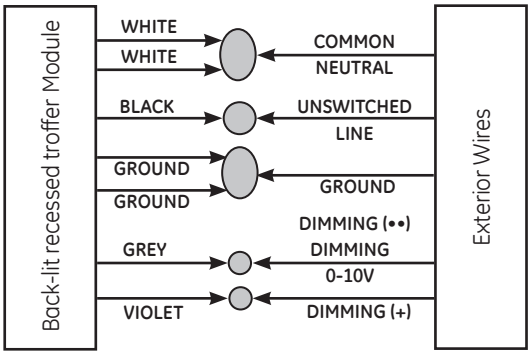
Back-lit recessed troffer Series Standard



Back-lit recessed troffer Series 347V



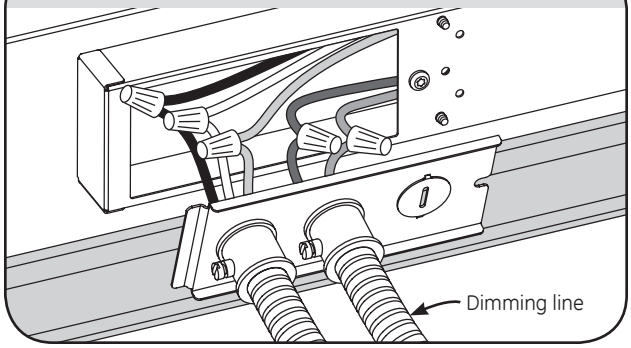
Back-lit recessed troffer Series Lutron



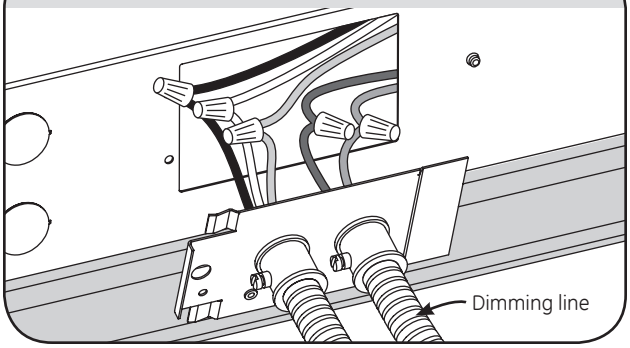
⚠WARNING/AVERTISSEMENT

Risk of electrical shock. Disconnect power before servicing or installing product.
Risque de choc électrique. Couper l'alimentation avant le dépannage ou avant l'installation du produit.

Back-lit recessed troffer 14 Series

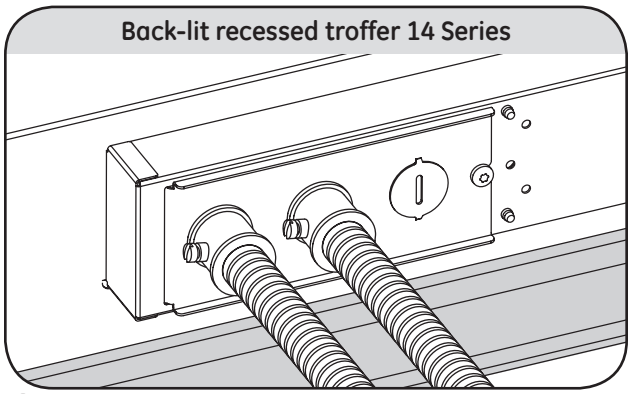


Back-lit recessed troffer 22/24 Series

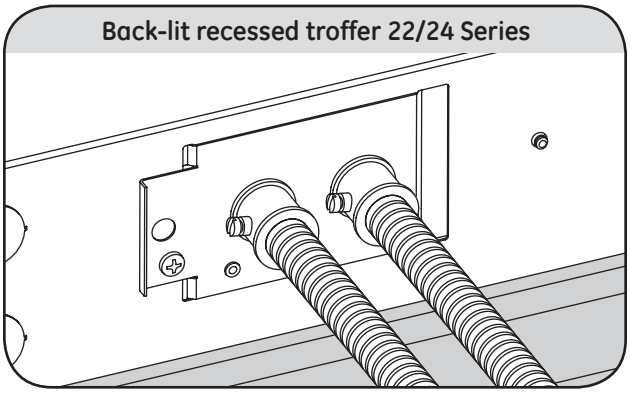


3 Install listed electrical fittings in the knockout holes for wire protection. Connect the dimming control (grey and purple or purple and purple/white) wires of the LED driver using 18-14AWG twist-on wire connectors.

Back-lit recessed troffer 14 Series



Back-lit recessed troffer 22/24 Series



4 Replace electrical enclosure cover. Secure it with the star washer and the screw.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This Class [A] RFLD complies with the Canadian standard ICES-003. Ce DEFR de la classe [A] est conforme à la NMB-003 du Canada.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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